Caulkins, Jonathan

Jonathan P. Caulkins, PhD, is Professor of Operations Research and Public Policy at Carnegie Mellon University's Qatar Campus and Heinz School of Public Policy. Dr. Caulkins specializes in mathematical modeling and systems analysis of social policy decision problems, with a particular focus on issues pertaining to drugs, crime, violence, and prevention (work that won the David Kershaw Award from the Association of Public Policy Analysis and Management) and on software quality. Other interests include software quality, optimal control, counter-terror, black markets, airline operations, and personnel performance evaluation.

Dr. Caulkins has published a number of monographs through RAND and over 75 journal articles in *Operations Research*, *Management Science*, *JASA*, *JPAM*, *The American Journal of Public Health*, *Mathematical Biosciences*, *The Journal or Urban Economics*, *The Journal of Environmental Economics and Management*, *The Journal of Economic Dynamics and Control*, and the *Journal of Optimization Theory and Applications*, among other outlets. At RAND he has been a consultant, visiting scientist, co-director of RAND's Drug Policy Research Center (1994–1996), and founding director of RAND's Pittsburgh office (1999-2001).

Dr. Caulkins received a BS and MS in Systems Science from Washington University and an SM in Electrical Engineering and Computer Science and PhD in Operations Research from M.I.T.

BSI Articles

Name	Content Areas
Optimizing Investments in Security Countermeasures: A Practical Tool for Fixed Budgets	best-practices/requirements